AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12 (Canceled)

13. (New) An electrical connector for connecting oppositely arranged first and second mating electrical means, comprising a support member made of a non-rigid resin capable of being elastically deformed, a first circuit having a plurality of electric contact elements arranged on one surface of said support member to contact electric contacts of said first mating electrical means, a second circuit having a plurality of electric contact elements arranged on the other surface of said support member to contact electric contacts of said second mating electrical means, and conductors connecting said first and second circuits,

wherein said electric contact elements of the first and second circuits are formed in the most suitable manner to meet the shapes of the mating electric contacts, respectively,

wherein when said first mating electrical means is a ball grid array connector and said second mating electrical means is a printed circuit board, said electric contact elements of the first circuit are each provided on their surfaces with at least one ridge having a triangular cross-section and said electric contact elements of the second circuit are hemispherical protrusions, thereby making the surfaces of the first and second circuits different in shape,

wherein said at least one ridge of each of the electric contact elements of the first circuit is formed to extend in a direction substantially parallel to the direction in which the electric contact of said first mating electrical means slides on the electric contact element upon NY02:609822.1

being displaced in the urged direction by the electric contact when the electric contacts and urges the electric contact element in said urged direction,

wherein said support member is formed through its thickness with slits closely around said electric contact elements of the first circuit which contact said electric contacts of the first mating electrical means, respectively.

- 14. (New) The electrical connector as set forth in claim 13, wherein each of said electric contact elements of the first circuit to contact the electric contacts of said first mating electrical means is formed by plating together with the at least one ridge.
- 15. (New) The electrical connector as set forth in claim 13, wherein said slits are arranged at random to be directed substantially in different directions.
- (New) The electrical connector as set forth in claim 13, wherein said support member is made of a composite body comprising an elastomeric resin material and a metal spring.
- (New) The electrical connector as set forth in claim 13, wherein said support 17. member is composed of a plurality of support element members to form spaces therebetween. thereby facilitating the deformation of said support member as a whole.
- 18. (New) The electrical connector as set forth in claim 13, wherein said support member is formed with at least one aperture parallel to or perpendicular to the surfaces of the support member provided with said first and second circuits, thereby facilitating the deformation of said support member.

19. (New) The electrical connector as set forth in claim 13, wherein "continuity distance" or an electrically connecting length through a conductor between each of said electric contact elements of said first circuit on the one surface of said support member and the corresponding electric contact element of said second circuit on the other surface of said support member is less than 5 mm.

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